## EAST Search History

| Ref<br># | Hits | Search Query  | DBs                                       | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| L1       | 0    | ("((siliconwithgermanium)orSiGe)<br>andcarbonandsilane").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/02/25<br>16:34 |
| L2       | 6564 | ((silicon with germanium) or SiGe)<br>and carbon and silane   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L3       | 5335 | L2 and hydrogen   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L4       | 2253 | L3 and dilut\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L5       | 624  | L4 and (reaction same chamber)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L6       | 549  | L4 and (reaction same chamber) and concentration  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L7       | 1134 | ((silicon with germanium) or SiGe)<br>and (carbon same concentration)<br>and silane                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L8       | 987  | L7 and hydrogen   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L9       | 687  | L8 and chamber  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L10      | 9    | ((silicon with germanium) or SiGe)<br>and (carbon same concentration<br>same silane same dilut\$2 same<br>hydrogen) | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L11      | 1    | ("20020109135").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/02/25<br>16:34 |
| L12      | 34   | ((silicon with germanium) or SiGe)<br>and (carbon same concentration<br>same silane same hydrogen)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR                  | ON      | 2009/02/25<br>16:34 |
| L13      | 1    | ("20030162370").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/02/25<br>16:34 |

| L14 | 1    | ("6306211").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/02/25<br>16:34 |
|-----|------|---|---|----|-----|---------------------|
| L15 | 126  | (438/361).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/02/25<br>16:34 |
| L16 | 1485 | (438/479).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/02/25<br>16:34 |
| L17 | 181  | (438/429).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/02/25<br>16:34 |
| L18 | 6564 | ((silicon with germanium) or SiGe)<br>and carbon and silane | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L19 | 46   | (L15 or L16 or L17) and L18                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L20 | 6564 | ((silicon with germanium) or SiGe)<br>and carbon and silane | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L21 | 5335 | L20 and hydrogen  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L22 | 2253 | L21 and dilut\$2  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L23 | 624  | L22 and (reaction same chamber)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L24 | 614  | L23 and (dischar\$ or remov\$)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |
| L25 | 483  | L24 and (@ay< "2005")                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/02/25<br>16:34 |

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